

**ABSTRACT**

The inventive method allows integrated communications in a telecommunications network, which combines a Mobile Telecommunications Network (PLMN) and at least an other, wired packet switching or circuit switched network (PSTN/ISDN, INTERNET), with a subscriber's Mobile Station (MS) designed to operate in the Mobile Telecommunications Network (PLMN) and a second communication terminal (IP-T; IP-MS; SC-T) of the subscriber designed to operate in the other or one of the other networks PSTN/ISDN, INTERNET and with an extended Mobile Services Switching Center (MSCX) that over a gateway (IP-GW) connects to the packet switching network (INTERNET). According to the present invention, when the Mobile Station (MS) is detached from the Mobile Telecommunications Network (PLMN), the second communication terminal (IP-T; IP-MS; SC-T) is registered at the Mobile Telecommunications Network (PLMN) in such a way that a request for routing information for the setup of a connection to the subscriber's Mobile Station (MS), sent to the related Home Location Register HLR will be answered with the address of the extended Mobile Services Switching Center (MSCX) to which the second communication terminal (IP-T; IP-MS; SC-T) is attached.

(Figure 4)